

Vertebral cervical prosthesis

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Abstract of FR2718635

The prosthesis, designed to replace a cervical disc removed due to deterioration, consists of a top plate (1) with a concave under-surface (4), and a bottom plate (2) with guide grooves (9) in its upper surface, with a core (3) between them. The core has a convex upper surface (15) to engage with the under-surface of the top plate, and lateral ribs (16) to engage with the guide grooves in the bottom plate and able to slide in them. The upper surface of the bottom plate also has a double guide ramp with its lateral edges parallel to the grooves, and the core has a guide recess with parallel edges interacting with opposite sides of the double ramp. Both top and bottom plates also have lugs for fixing screws (19).

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